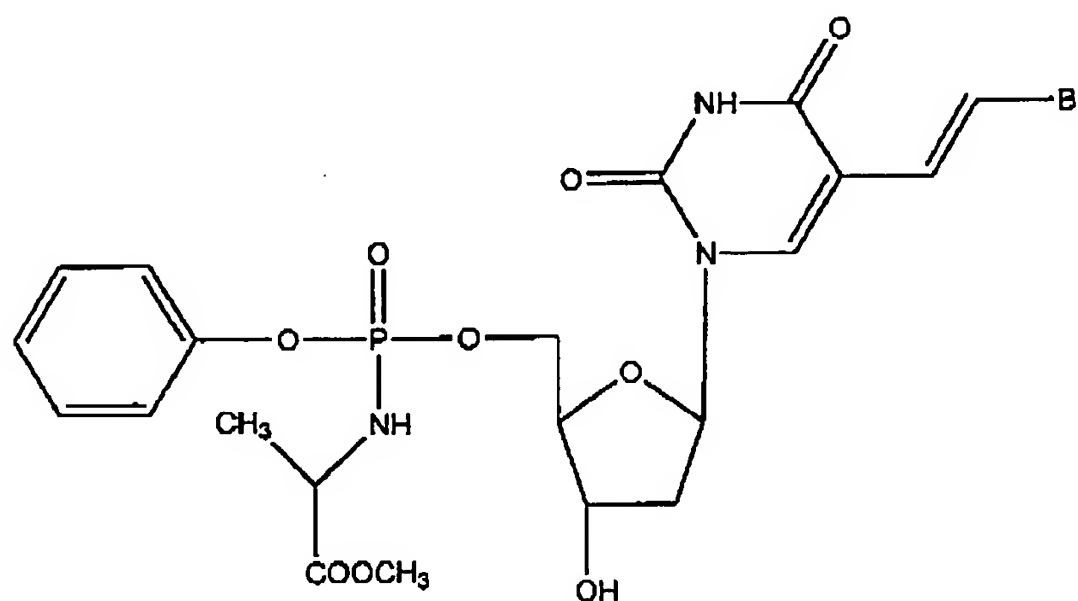


## I. AMENDMENTS AND LISTING OF CLAIMS

### Listing of Claims

The following listing of the claims supersedes and replaces all prior amendments and claim listings.

1. (Currently Amended) A method for treating a subject having ~~an autoimmune disorder or inflammatory condition~~ rheumatoid arthritis comprising delivering to the subject an effective amount of an L- or D- compound of the formula:




---

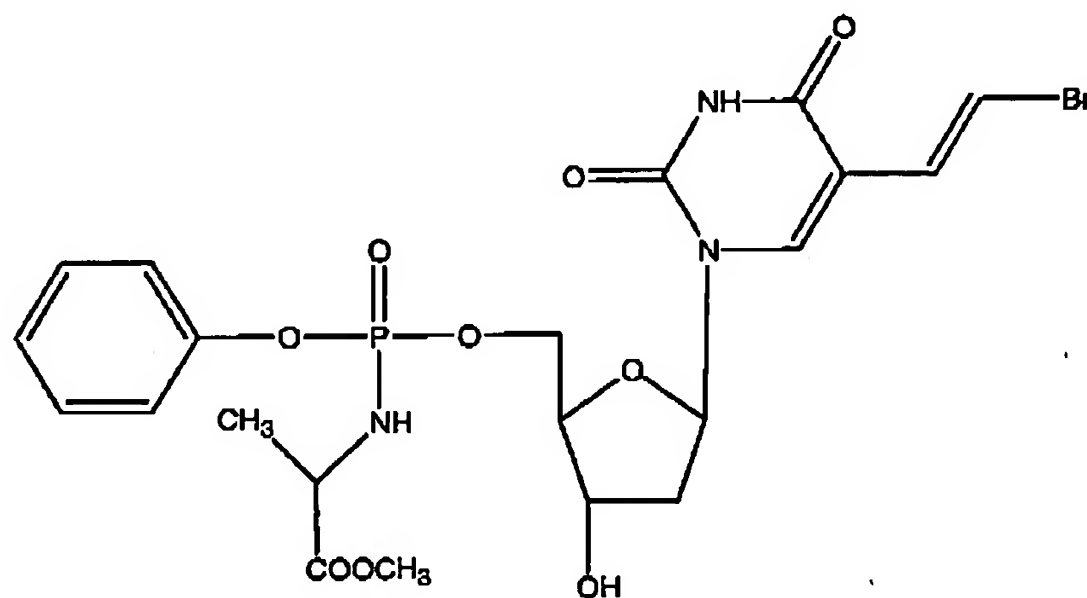
or its 5' monophosphate derivative, and wherein the compound or its 5' monophosphate derivative may be in any of its enantiomeric, diastereomeric, stereoisomeric or anomeric forms of a compound selected from the group consisting of a 1,5-substituted pyrimidine derivative or analog and a substituted furano-pyrimidone derivative or analog.

2. (Withdrawn) The method of claim 1, wherein the compound is a 1,5-substituted deoxyuridine derivative or analog.

3. (Withdrawn) The method of claim 1, wherein the compound is a substituted furanopyrimidone derivative or analog.
4. (Canceled) ~~The method of claim 2, wherein the 1,5-substituted deoxyuridine derivative or analog is a compound selected from the group consisting of a 5'-phosphoramidatyl deoxyuridine, a substituted 5'-phosphoramidyl deoxyuridine, a 5'-phospheryl deoxyuridine, and a substituted, 5'-phospheryl deoxyuridine.~~
5. (Withdrawn) The method of claim 2, wherein the 1,5-substituted deoxyuridine is substituted at the 5 position with a substituent selected from the group consisting of alkyl, alkenyl, alkynyl, vinyl, propargyl and substituted derivatives thereof.
6. (Withdrawn) The method of claim 5, wherein the substituted derivatives are halogen-substituted derivatives.
7. (Withdrawn) The method of claim 6, wherein the halogen-substituted derivative is a 5-haloalkyl substituted deoxyuridine.
8. (Withdrawn) The method of claim 7, wherein the compound is 5-bromovinyl substituted deoxyuridine.
9. (Withdrawn) The method of claim 4, wherein the 1,5-substituted deoxyuridine is a 5'-phosphoryl derivative of pyrimidine.
10. Claims 10 to 13 (Canceled)
11. (Withdrawn) The method of claim 1, wherein the subject has an inflammatory condition.
12. (Withdrawn) The method of claim 14, wherein the inflammatory condition is selected from the group consisting of psoriasis, ulcerative colitis, scleroderma, inflammatory bowel disease, asthma, and Crohn's disease.
13. (Withdrawn) The method of claim 1, further comprising administering an effective amount of an agent that treats an autoimmune and/or inflammatory condition.

14. (Withdrawn) The method of claim 16, wherein the agent is selected from the group consisting of a corticosteroid, a N-SAID, an anti-rheumatic drug and an anti-TNF agent.
15. (Withdrawn) A method for treating cells or tissue involved in a pathology selected from the group consisting of an autoimmune disease and an inflammatory condition, comprising contacting the cells or tissue with an effective amount of a compound selected from the group consisting of a 1,5- substituted pyrimidine derivative or analog and a substituted furano-pyrimidone derivative or analog thereof.
16. (Withdrawn) The method of claim 18, wherein the compound is (*E*)-5-(2-bromovinyl)-2'-deoxy-5'-uridyl phenyl L-alaninylphosphoramidate.
17. (Withdrawn) An assay for selecting agents that treat cells or tissue involved in a pathology selected from the group consisting of an autoimmune disease and an inflammatory condition, comprising contacting a first sample comprising suitable cells or tissue with an effective amount of a compound selected from the group consisting of a deoxyuridine, a substituted deoxyuridine, a substituted deoxyuridine derivative and analogs thereof and contacting a second sample of the suitable cells or tissue with the agent to be assayed and comparing the treatment of the first and second samples.
18. (Withdrawn) The assay of claim 20, further comprising contacting the agent with a third sample of cells or tissue comprising normal counterpart cells or tissue to the second sample and selecting agents that treat the second sample of cells or tissue but does not adversely effect the third sample.
19. (Withdrawn) The assay of claim 21, wherein the substituted deoxyuridine derivative is (*E*)-5-(2-bromovinyl)-2'-deoxy-5'-uridyl phenyl L-alaninylphosphoramidate.

20. (New) The method of claim 1, wherein the compound is an L- or D- compound of the formula:



---

and wherein the compound may be in any of its enantiomeric, diastereomeric, stereoisomeric or anomeric forms.